

## **PATENTS**

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Lally et al.

Atty. Docket:

88138.000005

Serial No.:

10/774,634

Examiner:

Filed:

February 9, 2004

Art Unit:

Title:

TRANSDUCER IN-SITU TESTING APPARATUS AND METHOD

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97 (b)

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Applicant hereby submits an Information Disclosure Statement under as set forth in the enclosed forms, PTO/SB/08a and PTO/SB/08b. As this above-mentioned application was filed after June 30, 2003, copies of the U.S. Patents have not been included. Copies of the non-U.S. Patent publications, however, have been enclosed.

Applicant believes there are no fees due at this time as the Statement is filed within 3 months from the filing date.

Respectfully submitted,

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Dated:

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PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for for	m 1449A/PTO			Complete if Known			
Substitute for for	111 1443/07 10			Application Number	10/774,634		
INFO	RMATION	N DISCLO	SURE	Filing Date	February 9, 2004		
STAT	EMENT	3Y APPL	ICANT	First Named Inventor	Lally		
				Art Unit			
(U	se as many sh	eets as neces	sary)	Examiner Name			
Sheet 1 of 2		Attorney Docket Number	88138.000005				

U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.1	Document Number  Number-Kind Code² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		US-5,251,469	10-12-1993	Chan			
		US-5,457,982	10-17-1995	Spies et al.			
		US-5,570,300	10-29-1996	Henry et al.			
		US-5,753,793	05-19-1998	Lindahl et al.			
		US-5,774,378	06-30-1998	Yang			
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Examiner Cite Initials No.	Cito	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	<b>⊤</b> 6
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds of Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST .3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



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Substitute for for	m 1449R/PTO			Complete if Known		
	11114455/1110			Application Number	10/774,634	
INFO	RMATION	DISCI	OSURE	Filing Date	February 9, 2004	
STAT	EMENT B	Y APP	LICANT	First Named Inventor	Lally	
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(us	se as many shee	is as nec	essary)	Examiner Name		
Sheet	Sheet 2 of 2		Attorney Docket Number	88138.000005		

	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2.</sup>				
		Morgan Matroc Inc., "Piezoelectric Technology, Data for Designers", available at morganelectroceramics.com, not dated.					
		Hermann K.P. NEUBERT, "Instrument Transducers", Claredon Press, Oxford 1975.					
		Jungho RYU et al., "Magnetoelectric Properties in Piezoelectric and Magnetostrictive Laminate Composites", Jpn. J. Appl. Phys. Vol 40 pp 4948-4951 (2001).					
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Examiner	Date	
Signature	Considered	_

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